10/614481 09/07/2006

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009998...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ****
ENTER PASSWORD:
 ****
Welcome to DIALOG

Dialog level 05.19.02D

Last logoff: 05aug07 16:00:04
Logon file405 15aug07 13:02:09
           *** ANNOUNCEMENTS ***
                    ***
NEW FILES RELEASED
***BIOSIS Previews Archive (File 552)
***BIOSIS Previews 1969-2007 (File 525)
***Engineering Index Backfile (File 988)
***Trademarkscan - South Korea (File 655)

RESUMED UPDATING
***File 141, Reader's Guide Abstracts
                    ***
RELOADS COMPLETED
***File 156, ToxFile
***Files 154 & 155, MEDLINE
***File 5, BIOSIS Previews - archival data added
***Files 340, 341 & 942, CLAIMS/U.S. Patents - 2006 reload now online
                                ***
DATABASES REMOVED

Chemical Structure Searching now available in Prous Science Drug
Data Report (F452), Prous Science Drugs of the Future (F453),
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein
Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus
(File 302).
                    ***
 >>>For the latest news about Dialog products, services, content<<<
 >>>and events, please visit What's New from Dialog at <<<
 >>>http://www.dialog.com/whatsnew/. You can find news about<<<
 >>>a specific database by entering HELP NEWS <file number>.<<<
>>>PROFILE is in a suspended state.
>>>Contact Dialog Customer Services to re-activate it.
* * *
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.8.0 term=ASCII
                     *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

 Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

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      /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? b 410

      15aug07 13:02:10 User217743 Session D704.1
          $0.00   0.265 DialUnits FileHomeBase
    $0.00 Estimated cost FileHomeBase
    $0.00 Estimated cost this search
    $0.00 Estimated total session cost   0.265 DialUnits

```
File 410:Dialog Comm.-of-Interest Newsletters 2007 /Feb
       (c) 2007 Dialog

      Set  Items  Description
      ---  -----  -----------
? set hi ;set hi
HILIGHT set on as ''
HILIGHT set on as ''
? b 411
       15aug07 13:02:15 User217743 Session D704.2
            $0.00    0.117 DialUnits File410
     $0.00  Estimated cost File410
     $0.02  TELNET
     $0.02  Estimated cost this search
     $0.02  Estimated total session cost   0.382 DialUnits
File 411:DIALINDEX(R)

DIALINDEX(R)
   (c) 2007 Dialog

*** DIALINDEX search results display in an abbreviated ***
*** format unless you enter the SET DETAIL ON command. ***
? set files biochem
>>>          76 is unauthorized
>>>1 of the specified files is not available
   You have 26 files in your file list.
   (To see banners, use SHOW FILES command)
? s ll()37 and (angiogenic or angiogenesis)

Your SELECT statement is:
   s ll()37 and (angiogenic or angiogenesis)

           Items   File
           -----   ----
              13     5: Biosis Previews(R)_1926-2007/Aug W1
               2    24: CSA Life Sciences Abstracts_1966-2007/Jun
              19    34: SciSearch(R) Cited Ref Sci_1990-2007/Aug W2
               2    45: EMCare_2007/Aug W1
               9    71: ELSEVIER BIOBASE_1994-2007/Aug W2
              20    73: EMBASE_1974-2007/Aug 14
               2   144: Pascal_1973-2007/Jul W5
              15   155: MEDLINE(R)_1950-2007/Aug 13
               1   156: ToxFile_1965-2007/Aug W1
               2   172: EMBASE Alert_2007/Aug 08
               4   399: CA SEARCH(R)_1967-2007/UD=14708

   11 files have one or more items; file list includes 26 files.

? rf
Your last SELECT statement was:
   S LL()37 AND (ANGIOGENIC OR ANGIOGENESIS)

Ref        Items   File
---        -----   ----
N1            20    73: EMBASE_1974-2007/Aug 14
N2            19    34: SciSearch(R) Cited Ref Sci_1990-2007/Aug W2
N3            15   155: MEDLINE(R)_1950-2007/Aug 13
N4            13     5: Biosis Previews(R)_1926-2007/Aug W1
N5             9    71: ELSEVIER BIOBASE_1994-2007/Aug W2
N6             4   399: CA SEARCH(R)_1967-2007/UD=14708
N7             2    24: CSA Life Sciences Abstracts_1966-2007/Jun
N8             2    45: EMCare_2007/Aug W1
N9             2   144: Pascal_1973-2007/Jul W5
N10            2   172: EMBASE Alert_2007/Aug 08
   11 files have one or more items; file list includes 26 files.

        - Enter P or PAGE for more -
? b n3,n2,n1
       15aug07 13:03:06 User217743 Session D704.3
            $1.82    0.618 DialUnits File411
     $1.82  Estimated cost File411
     $0.26  TELNET
     $2.08  Estimated cost this search
     $2.10  Estimated total session cost   1.000 DialUnits

SYSTEM:OS  - DIALOG OneSearch
  File 155:MEDLINE(R) 1950-2007/Aug 13
        (c) format only 2007 Dialog
  File  34:SciSearch(R) Cited Ref Sci 1990-2007/Aug W2
        (c) 2007 The Thomson Corp
  File  73:EMBASE 1974-2007/Aug 14
```

```
      Set  Items  Description
      ---  -----  -----------
? s ll()37 and (angiogenic or angiogenesis)
          16575  LL
         751614  37
            877  LL(W)37
          38952  ANGIOGENIC
         114719  ANGIOGENESIS
      S1      54  LL()37 AND (ANGIOGENIC OR ANGIOGENESIS)
? s s1 and py>2003
             54  S1
        8507840  PY>2003
      S2      43  S1 AND PY>2003
? s s1 not s2
             54  S1
             43  S2
      S3      11  S1 NOT S2
? re
>>>Unrecognizable Command
? rd
      S4       5  RD  (unique items)
? t s4/3,ab/all
```

4/3,AB/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

14342112 PMID: 12785718
Cathelicidins--a family of multifunctional antimicrobial peptides.
Bals R; Wilson J M
Department of Internal Medicine, Division of Pulmonology, Hospital of the University of Marburg, Baldingerstrasse 1, 35043 Marburg, Germany. bals@mailer.uni-marburg.de
Cellular and molecular life sciences - CMLS (Switzerland) Apr 2003, 60 (4) p711-20, ISSN 1420-682X--Print Journal Code: 9705402
Contract/Grant No.: P30 DK47757-09; DK; NIDDK; R01 HL49040; HL; NHLBI
Publishing Model Print
Document type: Journal Article; Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, P.H.S.; Review
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed
One component of host defence at mucosal surfaces are epithelial-derived antimicrobial peptides. Cathelicidins are one family of antimicrobial peptides characterized by conserved pro-peptide sequences that have been identified in several mammalian species. LL-37/hCAP-18 is the only cathelicidin found in humans and is expressed in inflammatory and epithelial cells. Besides their direct antimicrobial function, cathelicidins have multiple roles as mediators of inflammation influencing diverse processes such as cell proliferation and migration, immune modulation, wound healing, angiogenesis and the release of cytokines and histamine. Finally, cathelicidin antimicrobial peptides qualify as prototypes of innovative drugs that may be used to treat infection and/or modulate the immune response. This review provides an overview of antimicrobial peptides of the cathelicidin family, the structures of their genes and peptides and their biological functions.

4/3,AB/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

14339459 PMID: 12782669
An angiogenic role for the human peptide antibiotic LL-37/hCAP-18.
Koczulla Rembert; von Degenfeld Georges; Kupatt Christian; Krotz Florian; Zahler Stefan; Gloe Torsten; Issbrucker Katja; Unterberger Pia; Zaiou Mohamed; Lebherz Corinna; Karl Alexander; Raake Philip; Pfosser Achim; Boekstegers Peter; Welsch Ulrich; Hiemstra Pieter S; Vogelmeier Claus; Gallo Richard L; Clauss Matthias; Bals Robert
Hospital of the University of Marburg, Department of Internal Medicine, Philipps Universtat Marburg, Marburg, Germany.
Journal of clinical investigation (United States) Jun 2003, 111 (11) p1665-72, ISSN 0021-9738--Print Journal Code: 7802877
Contract/Grant No.: AI48176; AI; NIAID; AR4576; AR; NIAMS
Publishing Model Print; Comment in J Clin Invest. 2003 Jun;111(11) 1643-5 ; Comment in PMID 12782665
Document type: Journal Article; Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, Non-P.H.S.; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed
Antimicrobial peptides are effector molecules of the innate immune system and contribute to host defense and regulation of inflammation. The human cathelicidin antimicrobial peptide LL-37/hCAP-18 is expressed in leukocytes and epithelial cells and secreted into wound and airway surface fluid. Here we show that LL-37 induces angiogenesis mediated by formyl peptide receptor-like 1 expressed on endothelial cells. Application of LL-37 resulted in neovascularization in the chorioallantoic membrane assay and in a rabbit model of hind-limb ischemia. The peptide directly activates endothelial cells, resulting in increased proliferation and formation of vessel-like structures in cultivated endothelial cells. Decreased vascularization during wound repair in mice deficient for CRAMP, the murine homologue of LL-37/hCAP-18, shows that cathelicidin-mediated angiogenesis is important for cutaneous wound neovascularization in vivo. Taken together, these findings demonstrate that LL-37/hCAP-18 is a multifunctional antimicrobial peptide with a central role in innate immunity by linking host defense and inflammation with angiogenesis and arteriogenesis.

4/3,AB/3 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

14339455 PMID: 12782665
What is the real role of antimicrobial polypeptides that can mediate several other inflammatory responses?
Elsbach Peter
Department of Medicine, New York University School of Medicine, New York, New York 10016, USA. elsbap01@mcrcr.med.nyu.edu
Journal of clinical investigation (United States) Jun 2003, 111 (11) p1643-5, ISSN 0021-9738--Print Journal Code: 7802877
Publishing Model Print; Comment on J Clin Invest. 2003 Jun;111(11) 1665-72; Comment on PMID 12782669
Document type: Comment; Journal Article; Review
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed
Antimicrobial peptides are effector molecules of innate immunity with microbicidal and pro- or anti-inflammatory activities. Their role is now widening following evidence that one such multifunctional peptide, LL-37, induces angiogenesis , a process essential for host defense, wound healing, and tissue repair.

4/3,AB/4 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

09006509 Genuine Article#: 355QE Number of References: 47
Title: Regulation of cathelicidin gene expression: Induction by lipopolysaccharide, interleukin-6, retinoic acid, and Salmonella enterica serovar typhimurium infection (ABSTRACT AVAILABLE)
Author(s): Wu H; Zhang GL; Minton JE; Ross CR; Blecha F (REPRINT)
Corporate Source: KANSAS STATE UNIV,COLL VET MED, DEPT ANAT & PHYSIOL, VMS 228, 1600 DENISON AVE/MANHATTAN//KS/66506 (REPRINT); KANSAS STATE UNIV,COLL VET MED, DEPT ANAT & PHYSIOL/MANHATTAN//KS/66506; KANSAS STATE UNIV,COLL VET MED, DEPT ANIM SCI & IND/MANHATTAN//KS/66506
Journal: INFECTION AND IMMUNITY, 2000, V68, N10 (OCT), P5552-5558
ISSN: 0019-9567 Publication date: 20001000
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904
Language: English Document Type: ARTICLE
Abstract: Cathelicidins are a family of antimicrobial peptides prominent in the host defense mechanisms of several mammalian species. In addition to their antimicrobial activities, these peptides have been implicated in wound healing, angiogenesis, and other innate immune mechanisms. To investigate the regulatory mechanisms of cathelicidin gene expression, we conducted in vitro experiments evaluating the bone marrow cell expression of two porcine cathelicidins, PR-39 and protegrin, and cloned and evaluated the promoter sequence of PR-39. In addition, we evaluated in vivo kinetics of cathelicidin gene expression in pigs during an infection with Salmonella enterica serovar Typhimurium. Lipopolysaccharide (LPS) increased PR-39 and protegrin mRNA expression, which was ameliorated by polymyxin B. Concentrations of PR39 in supernatants from bone marrow cell cultures were increased 10-fold after LPS stimulation. Similarly, interleukin-6 (IL-6) and all-trans retinoic acid (RA) markedly induced cathelicidin gene expression. To verify the transcriptional activation of the PR39 gene by these agents, we made a PR-39 promoter-luciferase construct

containing the full-length PR-39 promoter driving luciferase gene expression and transiently transfected PK-15 epithelial cells. RA and IL-6 increased luciferase activity in PK-15 cells transfected with the PR-39 promoter-luciferase reporter. Similarly, Salmonella-challenged pigs showed increased expression of PR-39 and protegrin mRNA in bone marrow cells at 6 and 24 h postchallenge. Taken together, these findings show that bacterial products (LPS), IL-6, RA, and Salmonella infection enhance the expression of the cathelicidins, PR-39 and protegrin, in bone marrow progenitor cells, and we suggest that extrinsic modulation of this innate host defense mechanism may be possible.

4/3,AB/5 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE

12155156 EMBASE No: 2003260656
Peptide antibiotic for wound healing
HAUTEIGENE ANTIBIOTIKA FUR DIE WUNDHEILUNG
Wetzler C.
Pharmazeutische Zeitung (PHARM. ZTG.) (Germany) 12 JUN 2003, 148/24 (39)
CODEN: PZSED ISSN: 0031-7136
DOCUMENT TYPE: Journal ; Note
LANGUAGE: GERMAN

? logoff
15aug07 13:04:40 User217743 Session D704.4
$1.24 0.365 DialUnits File155
$0.66 3 Type(s) in Format 4 (UDF)
$0.66 3 Types
$1.90 Estimated cost File155
$14.96 0.601 DialUnits File34
$7.23 1 Type(s) in Format 55 (UDF)
$7.23 1 Types
$22.19 Estimated cost File34
$4.54 0.381 DialUnits File73
$3.30 1 Type(s) in Format 3 (UDF)
$3.30 1 Types
$7.84 Estimated cost File73
OneSearch, 3 files, 1.348 DialUnits FileOS
$0.53 TELNET
$32.46 Estimated cost this search
$34.56 Estimated total session cost 2.348 DialUnits
Logoff: level 05.19.02 D 13:04:40